

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042123.D
 Acq On : 01 Jul 2024 18:39
 Operator : JC/MD
 Sample : P3106-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-2

Quant Time: Jul 02 02:10:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

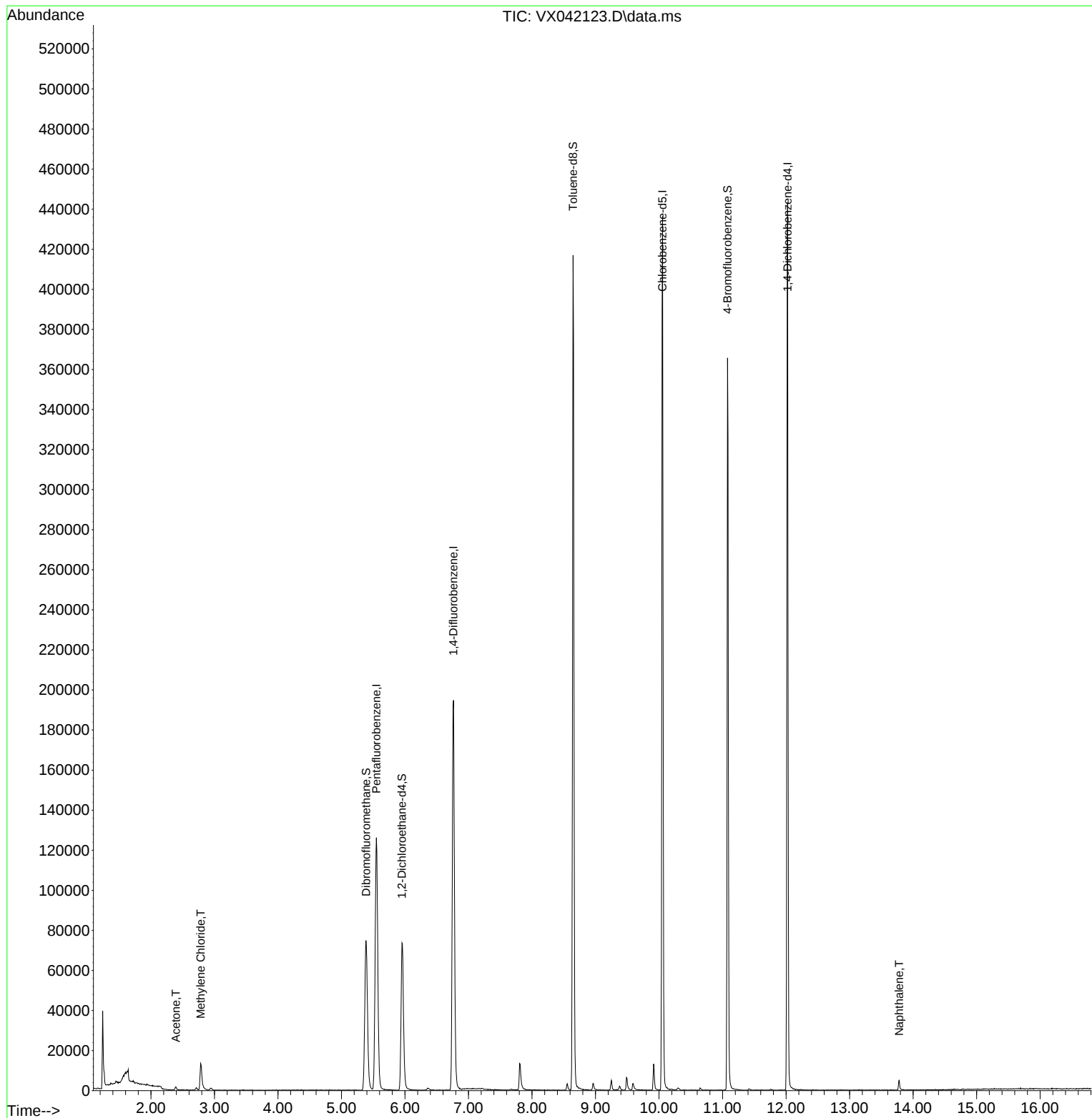
Internal Standards						
1) Pentafluorobenzene	5.550	168	140763	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70761	43.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.180%
35) Dibromofluoromethane	5.385	113	68441	44.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	8.647	98	257749	47.390	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.079	95	96532	48.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1813	2.544	ug/l	# 77
20) Methylene Chloride	2.782	84	7807	5.002	ug/l	87
95) Naphthalene	13.780	128	4112	1.273	ug/l	97

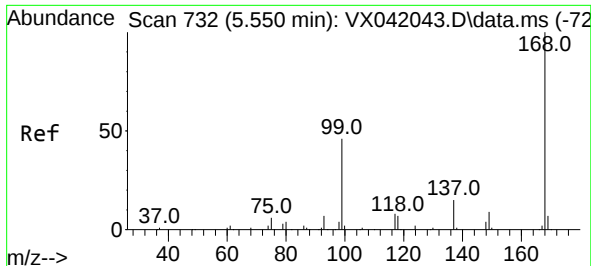
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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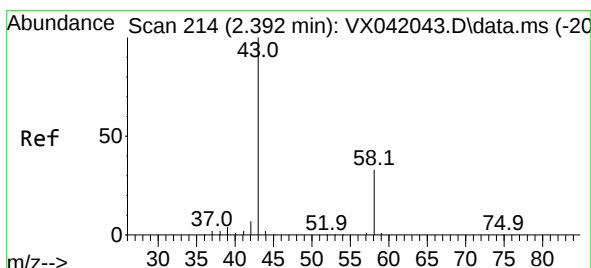
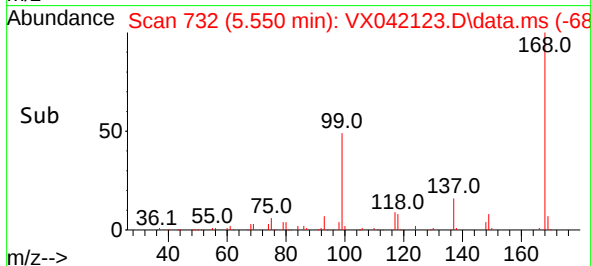
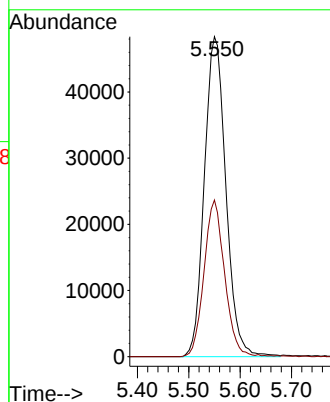
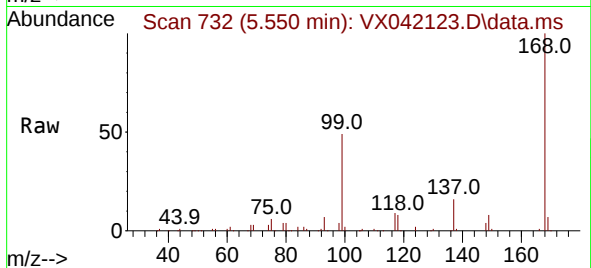




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

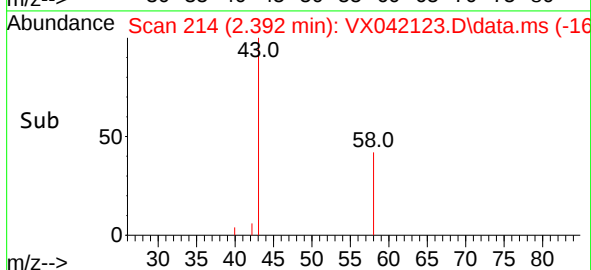
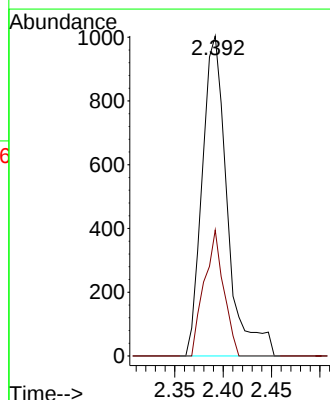
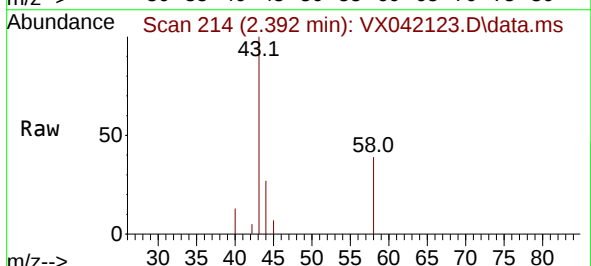
Instrument :
MSVOA_X
ClientSampleId :
S-2

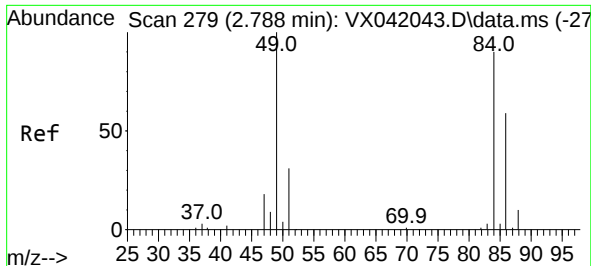
Tgt Ion:168 Resp: 140763
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#16
Acetone
Concen: 2.544 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 39.3 21.9 32.9#

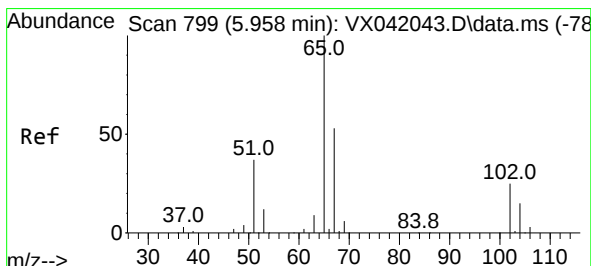
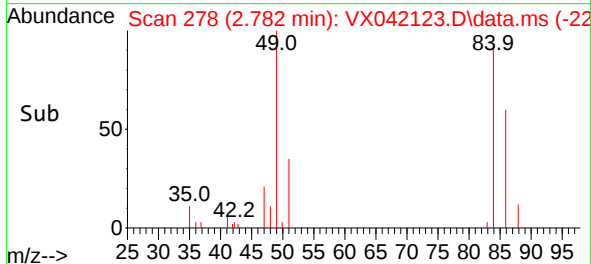
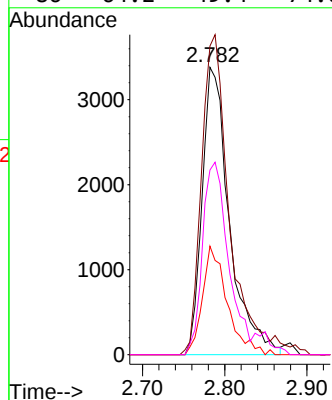
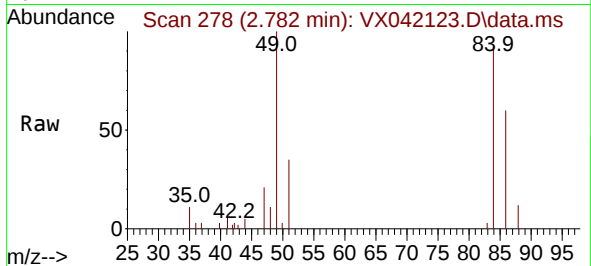




#20
Methylene Chloride
Concen: 5.002 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

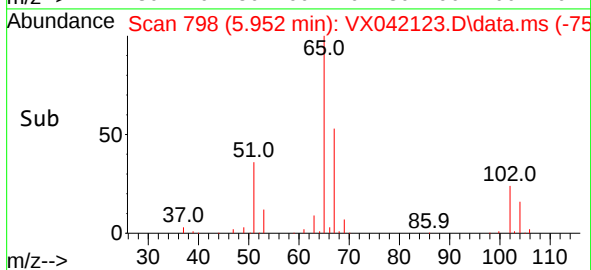
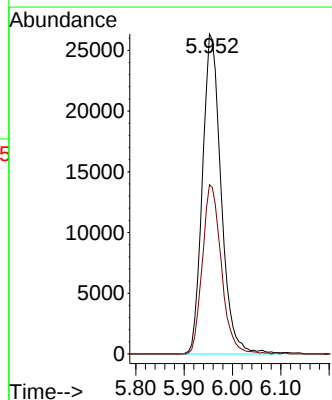
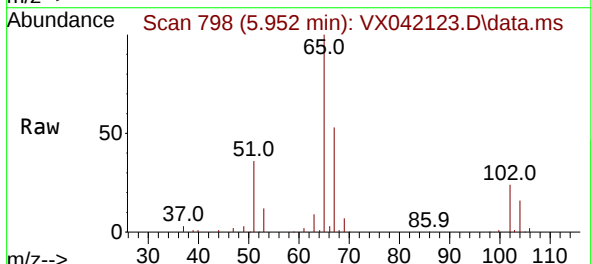
Instrument :
MSVOA_X
ClientSampleId :
S-2

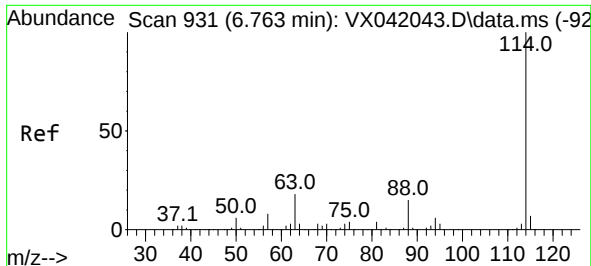
Tgt Ion: 84	Resp: 7807
Ion Ratio	Lower Upper
84 100	
49 107.4	103.6 155.4
51 37.7	33.8 50.6
86 64.2	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 43.594 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

Tgt Ion: 65	Resp: 70761
Ion Ratio	Lower Upper
65 100	
67 53.6	0.0 100.2

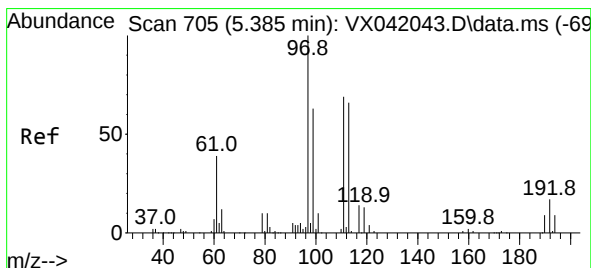
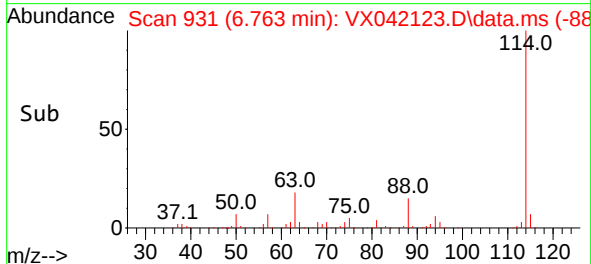
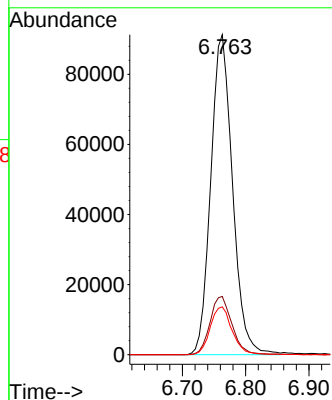
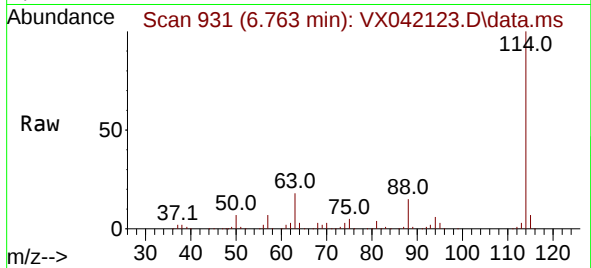




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

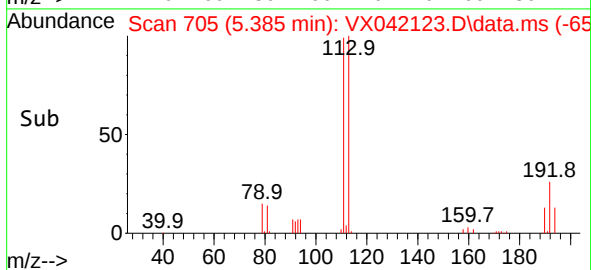
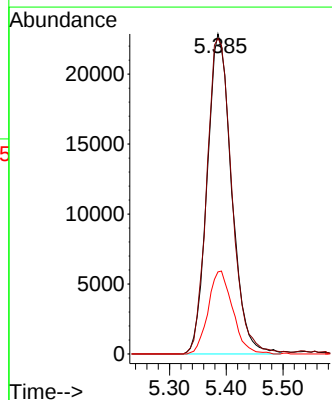
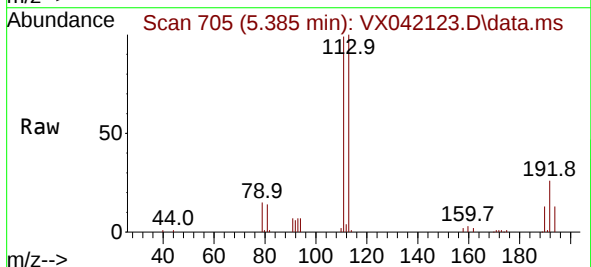
Instrument :
MSVOA_X
ClientSampleId :
S-2

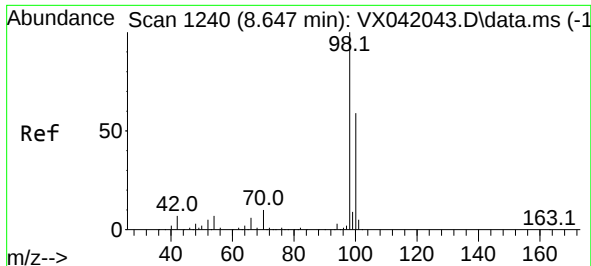
Tgt Ion:114 Resp: 218194
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

Tgt Ion:113 Resp: 68441
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.9 13.3 19.9#

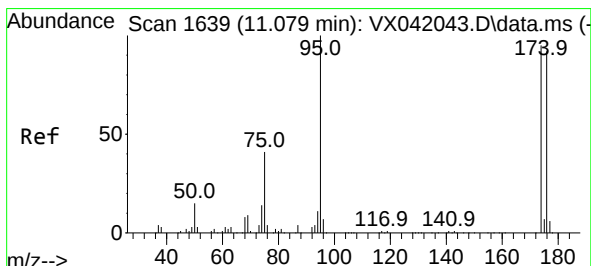
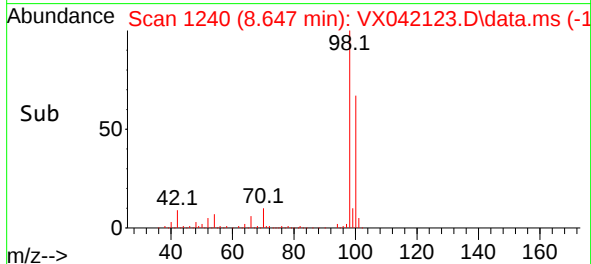
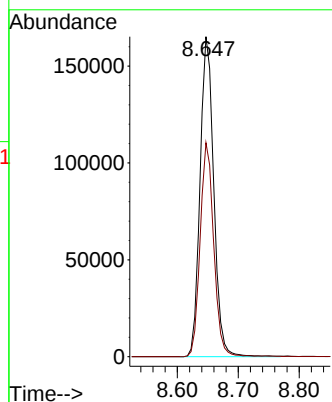
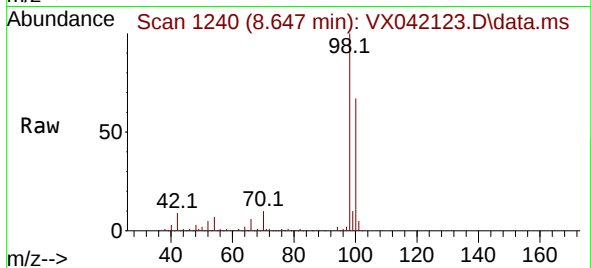




#50
Toluene-d8
Concen: 47.390 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

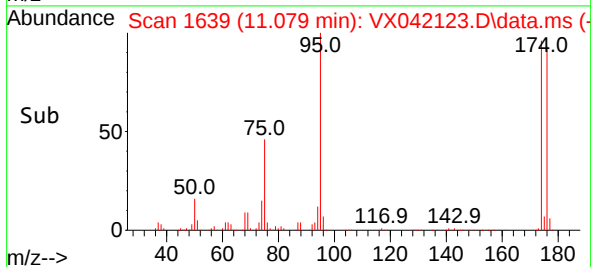
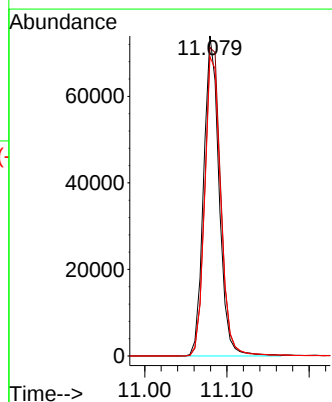
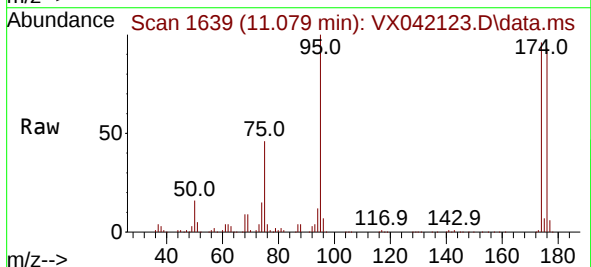
Instrument :
MSVOA_X
ClientSampleId :
S-2

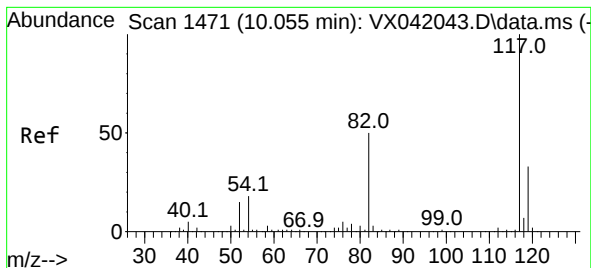
Tgt Ion: 98 Resp: 257749
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042123.D
Acq: 01 Jul 2024 18:39

Tgt Ion: 95 Resp: 96532
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 97.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042123.D

Acq: 01 Jul 2024 18:39

Instrument :

MSVOA_X

ClientSampleId :

S-2

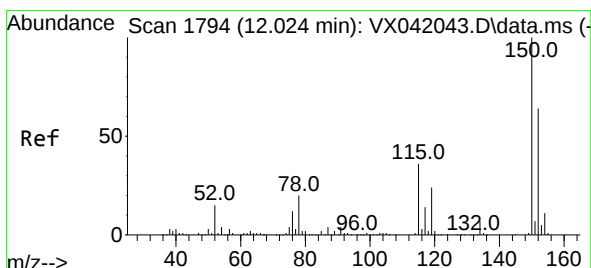
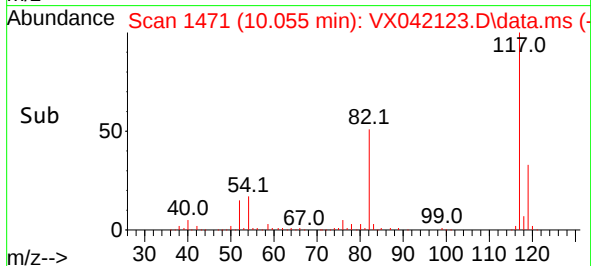
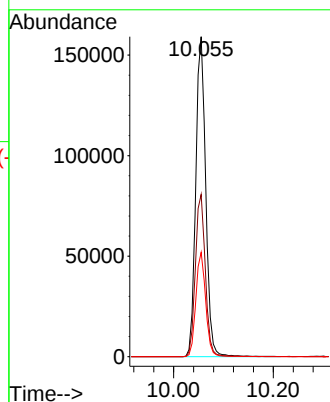
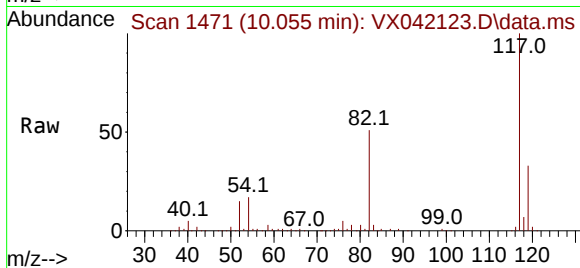
Tgt Ion:117 Resp: 220859

Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042123.D

Acq: 01 Jul 2024 18:39

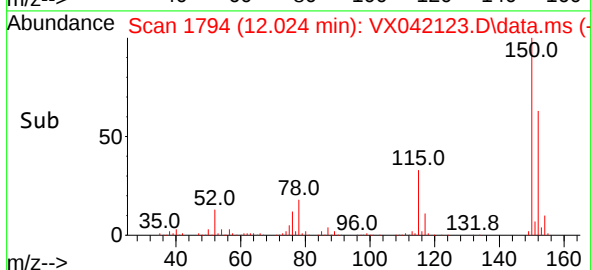
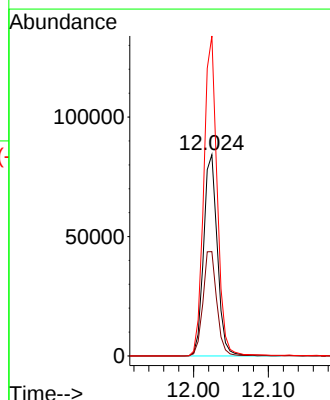
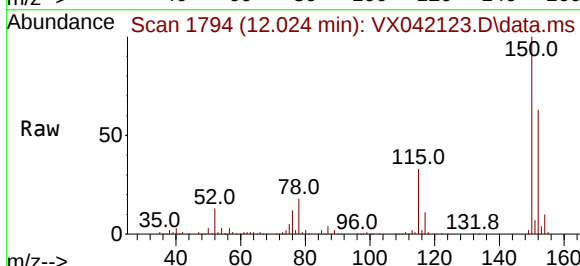
Tgt Ion:152 Resp: 107586

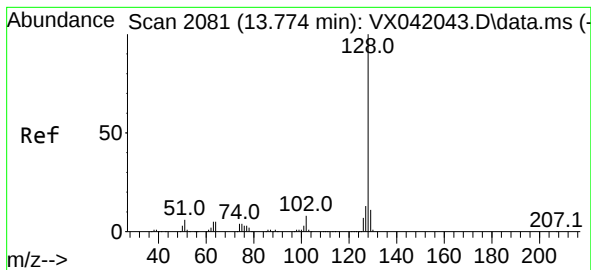
Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 154.8 0.0 345.0





#95

Naphthalene

Concen: 1.273 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042123.D

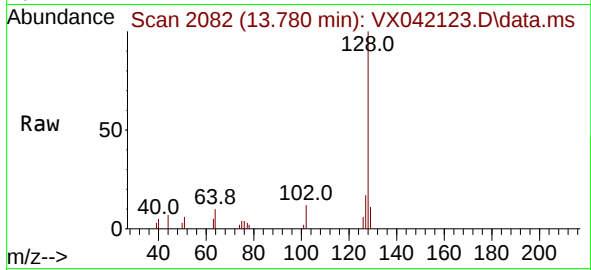
Acq: 01 Jul 2024 18:39

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:128 Resp: 4112

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 9.2 8.8 13.2

